

zCICS

z390 EXEC CICS Assembler and COBOL Support v11



Automated Software Tools Corporation.

z390 EXEC CICS Assembler and COBOL Support

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Introduction

Z390 CICS assembler and COBOL application transaction manager support has been developed by Melvyn Maltz and is distributed as open source in the Z390\CICS directory.

The Z390 CICS compatible transaction manager includes a server supporting multiple local and remote sessions connected via a TCP/IP network. The transaction server can be started by running CICS\Z390CICG.BAT which also starts local terminal sessions.

Remote clients can be started by running CICS\Z390KCPL.BAT for multiple remotes or CICS\Z390KCPR.BAT for a single remote for tracing and testing.

The EZ390 runtime emulation TCPIO macro and SVC support for SOA client server messaging is used to request CICS functions from the server and to pass data and status back to the Client on a TCP/IP network.

Release highlights

- V 4 and V1.3.08h Support of VSAM base datasets for read/browse functions
- V 5 and V1.4.02 Basic Mapping Support supported
- V 7 and V1.5.00 COBOL supported
- V 8 and V1.5.01 INQUIRE FILE and ASSIGN added
- V 9 and V1.5.01f CEMT INQUIRE/SET and CEDF Phase 1
- V10 and V1.5.04a CEDF Phase 2...Redisplay Mode
- V11 and V1.5.05 Container and Channel support

Documentation

All the documentation included with each new release is in the cics\docs directory as follows:

- zCICS Readme for current version
- zCICS Application Programming Guide
- zCICS Basic Mapping Support
- zCICS Diagnosis Reference
- zCICS History
- zCICS Sequential Terminal Guide
- zCICS Supplied Transactions
- zCICS System Programmers Guide
- zCICS VSAM Guide

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Z390 Support

Programs written in COBOL are converted into macro statements.

The MZ390 macro processor parses EXEC CICS statements and maps them into standard assembler macro calls. All the EXEC CICS support macros are in the CICS directory.

The MZ390 macro processor replaces standard DFHRESP(error code) and DFHVALUE(cvda) references with the corresponding standard fullword literal constant.

The EZ390 runtime GUAM user interface dialog is used by each client to support TN3270 screen and keyboard I/O via TPUT with FULLSCR option and TGET with ASIS option for TN3270 standard data streams.

Trademarks

IBM, CICS and VSAM are registered trademarks of International Business Machines Corporation.

Credits

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Formatter : Walter Petras
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